

## Biographical Sketch

*Daniel Z. Sui, Ph.D.*

*Professor of Geography and Distinguished Professor of  
Social & Behavioral Sciences at The Ohio State University*

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### *Campus Address*

Center for Urban & Regional Analysis (CURA)  
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### EDUCATION

**Ph.D.**, 09/12/1989--06/12/1993  
Department of Geography  
The University of Georgia  
Athens, GA 30602

**Master of Science**, 09/07/86--06/15/89  
Institute of Remote Sensing  
Peking University  
Beijing 100871, P.R. China

**Bachelor of Science**, 09/02/82--06/15/86  
(with high honors)  
Department of Geography  
Peking University

### EMPLOYMENT HISTORY

Since July 2009, Professor & Director, CURA, Department of Geography, The Ohio State University  
(with courtesy appointment in City & Regional Planning, Glenn School of Public Affairs, and  
College of Public Health)

2002 - 2009 Professor, Department of Geography, Texas A&M University  
2001 - 2009 Reta A. Haynes endowed chair in geosciences, Texas A&M University  
1997-2001 Associate Professor, Department of Geography, Texas A&M University  
1993-1997 Assistant Professor, Department of Geography, Texas A&M University  
2005-2009 Adjunct Professor, Epidemiology and Biostatistics, Texas A&M Health Science Center

### FIVE MOST RELATED PUBLICATIONS TO THE PROJECT

Sui, D.Z. and M.F. Goodchild, 2011. Social media as GIS: New challenges for GIScience. *International Journal of Geographic Information Science* (in press).

Sui, D.Z. and D. DeLyser, 2011. Crossing the qualitative-quantitative chasm I: Hybrid geographies, the spatial turn, and volunteered geographic information (VGI). *Progress in Human Geography* (Accepted, in press).

Elwood, S.E., Goodchild, M.F., and D.Z. Sui, 2010. Researching the geocrowd: Volunteered geographic information and geographic research. *Annals of the AAG* (accepted, in press).

Sui, D.Z., 2011. Strategic directions for geographical sciences in the 2<sup>nd</sup> decade of the 21<sup>st</sup> century: an introduction. *The Professional Geographer* (scheduled for publication in August, 2011)

Warf, B. and D.Z. Sui, 2010. From GIS to neogeography: Ontological implications and theories of truth. *Annals of GIS*, Vol. 16, No.4, page 1-13.

### FIVE OTHER SIGNIFICANT PUBLICATIONS

- Sui, D.Z., 2010. A geographic conceptual framework for understanding the spatio-temporal constraints on social networks. *Proceedings of 2010 Specialist Meeting on Spatial-Temporal Constraints of Social Networks*. Santa Barbara, CA., Dec. 13-14
- Sui, D.Z., 2010. On Darwin, biology, and geography. *Environment and Planning A* 42 (8): 1775-1781.
- Xu, Z.W. and D.Z. Sui, 2009. The effect of small-world networks on epidemic diffusion. *Geographical Analysis* 41(3): 263-282.
- Sui, D.Z., 2009. Twitter's new twist on geography. *GeoWorld*, Sept. Issue, 18-20.
- Sui, D.Z., 2008. The wikification of GIS and its consequences: Or Angelina Jolie's new tattoo and the future of GIS. *Computers, Environment, and Urban Systems*, 32(1): 1-5.

### **SYNERGISTIC ACTIVITIES**

*At the international level:* Visiting senior research scientist at the *United Nations Food and Agricultural Organization (FAO)*, served as the chief consultant for the global poverty and hunger mapping project and has written two FAO monographs to guide its scientific and policy activities; Consultant for the *United Nations Development Program (UNDP)*, involved in the Ecological Planning Project for Western Chinese Cities; Consultant for the *United Nations Environmental Program (UNEP)*, involved in the Chemical Hazard Prevention Project; *United Nations University (UNU)*, involved in the IT and the Environment project; Consultant for the World Bank, involved in the Urban Infrastructure Development and Evaluation project.

*At the U.S. national level:* *National Academies of Science* – served on the national mapping science committee, the panel to review the GIS Operations within the U.S. Department of Housing and Urban Development (HUD); served on the committee to review the tri-academy project on Land Use/Land Cover Change; *National Science Foundation*, served on the senior review panel for the Geography and Regional Science (GRS) Program, Technology for Sustainable Environment (TSE) Program, IGERT Program; *The U.S. Environment Protection Agency (EPA)*, served as advisor to the Science to Achieve Results (STAR) program; *The U.S. Army Corps of Engineers (ACOE)*, served as a consultant for GIS-based Floodplain Mapping project. *National Center for Geographic Information and Analysis (NCGIA)*, served as a consultant for the Advancing GIScience project.

*At the local level:* worked with local government agencies in Houston/Galveston area, Austin, Dallas/Forth Worth, College Station, Texas and Columbus/Dublin, Ohio on various projects related urban sprawl characterization, transportation planning, traffic crash analysis, telecommuting impacts, smart growth program, residential segregation, environmental equity analysis, and crime mapping.

### **LIST OF COLLABORATORS WITHIN THE LAST 48 MONTHS**

Michael F. Goodchild, Sarah Elwood, James Caverlee, Chuck Kennicutt, Samuel Brody, James Holt, Robert Harriss, Zengwang Xu, Wei Tu, Richard Morrill, Yunhao Chen, Chanam Lee

### **NAMES OF GRADUATE AND POST-GRADUATE ADVISORS AND ADVISEES**

James O. Wheeler (deceased), Clifton Pannell, Thomas W. Hodler, C.P. Lo (deceased) (Graduate Advisors)  
Daniel Overton, Michael Kullman, John Waldron, Jay Knox, Gary Coutu, Bingsheng Wu, Wei Tu, Jose Gavinha, Chen Xu, and Zengwang Xu (Graduate Advisees)